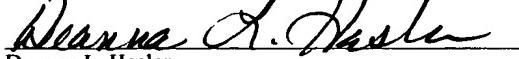




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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Deanna L. Hasler

PATENT

Our Case No. 11336/513 (P03087US)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Gerald R. Stanley )  
Serial No.: 10/626,149 ) Examiner: Younghui Jessica Han  
Filing Date: July 24, 2003 ) Group Art Unit No.: 2838  
For: SERIES INTERLEAVED BOOST ) Conf. No. 9305  
CONVERTER POWER FACTOR )  
CORRECTING POWER SUPPLY )

**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Forms PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2), if any, are enclosed for the convenience of the Examiner.

The references now cited are the following:

No.	Date	Name
6,531,854 B2	03/11/2003	Hwang
6,465,990 B2	10/15/2002	Acatrinei et al.
6,388,429 B1	05/14/2002	Mao
6,373,734 B1	04/16/2002	Martinelli
5,657,219	08/12/1997	Stanley
4,903,181	02/20/1990	Seidel

## Non-patent publications:

Cecati, C.; Dell'Aquila, A.; Liserre, M. and Monopoli, V.G., "Design of H-Bridge Multilevel Active Rectifier for Traction Systems", IEEE Transactions on Industry Applications, pp. 1541-1550, Vol. 39, No. 5, September/October 2003.

Cecati, C.; Dell'Aquila, A.; Liserre, M. and Monopoli, V.G., "A Passivity-Based Multilevel Active Rectifier with Adaptive Compensation for Traction Applications", IEEE Transactions on Industry Applications, pp. 1404-1413, Vol. 39, No. 5, September/October 2003.

Tolbert, L.M.; Peng, F.Z.; and Habetler, T.G., "Multilevel Converters for Large Electric Drives", IEEE Transactions on Industry Applications, pp. 36-44, Vol. 35, No. 1, January/February 1999.

Lang, J.S. and Peng, F.Z., "Multilevel Converters – A New Breed of Power Converters", IEEE Transactions on Industry Applications, pp. 509-517, Vol. 32, No. 3, May/June 1996.

Carrara, G.; Gardella, S.; Marchesoni, M.; Salutari, R. and Scuitto, G., "A New Multilevel PWM Method: A Theoretical Analysis", IEEE Transactions on Industry Applications, pp., 497-505, Vol. 7, No. 3, July 1992.

Rippel, W.E., "Optimizing Boost Chopper Charger Design, Jet Propulsion Laboratory Proceedings of Power Con 6, pp. D1-1-D1-19, May 1979.

Crebier, J.C.; Brunello, M.; and Ferrieux, J.P., "EMI analysis of full bridge PFC rectifiers," pp. 1-10, in Proc. EPE Conf. 1999.

Power Electronics Converters, Application and Design, Chp. 8-3 Single Phase Inverters, pp. 211-225, 2nd Ed. New York: Wiley, 1995.

Acik, A., and Cadirci, I., "Active Clamped ZVS Forward Converter with Soft-Switched Synchronous Rectifier," Turk J Elec Engin, pp. 473-491, Vol. 10, No. 3, 2002, © TÜBİTAK.

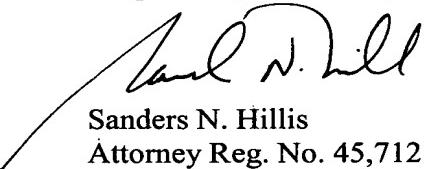
Walters, M., "An Integrated Synchronous-Rectifier Power IC with Complementary-Switching (HIP5010, HIP5011)," Technical Brief, July, 1995, TB332, pp. 4-99-4-102; © Intersil Corporation, 1998.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

  
Sanders N. Hillis  
Attorney Reg. No. 45,712  
Attorney for Applicant

SNH/dlh

BRINKS HOFER GILSON & LIONE  
**CUSTOMER NO. 27879**  
Telephone: 317-636-0886  
Facsimile: 317-634-6701



FORM PTO-1449	SERIAL NO. 10/626,149	CASE NO. 11336/513 (P03087US)
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE July 24, 2003	GROUP ART UNIT 2838
	APPLICANT(S): Gerald R. Stanley	

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
A1	6,531,854 B2	03/11/2003	Hwang	323/285	03/30/2001
A2	6,465,990 B2	10/15/2002	Acatrinei et al.	323/222	03/15/2001
A3	6,388,429 B1	05/14/2002	Mao	323/222	03/09/2000
A4	6,373,734 B1	04/16/2002	Martinelli	363/89	09/15/2000
A5	5,657,219	08/12/1997	Stanley	363/132	08/29/1995
A6	4,903,181	02/20/1990	Seidel	363/16	05/16/1989

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS	
	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)	
A7	Cecati, C.; Dell'Aquila, A.; Liserre, M. and Monopoli, V.G., "Design of H-Bridge Multilevel Active Rectifier for Traction Systems", IEEE Transactions on Industry Applications, pp. 1541-1550, Vol. 39, No. 5, September/October 2003.	
A8	Cecati, C.; Dell'Aquila, A.; Liserre, M. and Monopoli, V.G., "A Passivity-Based Multilevel Active Rectifier with Adaptive Compensation for Traction Applications", IEEE Transactions on Industry Applications, pp. 1404-1413, Vol. 39, No. 5, September/October 2003.	
A9	Tolbert, L.M.; Peng, F.Z.; and Habetler, T.G., "Multilevel Converters for Large Electric Drives", IEEE Transactions on Industry Applications, pp. 36-44, Vol. 35, No. 1, January/February 1999.	
A10	Lang, J.S. and Peng, F.Z., "Multilevel Converters - A New Breed of Power Converters", IEEE Transactions on Industry Applications, pp. 509-517, Vol. 32, No. 3, May/June 1996.	
A11	Carrara, G.; Gardella, S.; Marchesoni, M.; Salutari, R. and Sciutto, G., "A New Multilevel PWM Method: A Theoretical Analysis", IEEE Transactions on Industry Applications, pp., 497-505, Vol. 7, No. 3, July 1992.	
A12	Rippel, W.E., "Optimizing Boost Chopper Charger Design, Jet Propulsion Laboratory Proceedings of Power Con 6, pp. D1-1-D1-19, May 1979	
A13	Crebier, J.C.; Brunello, M.; and Ferrieux, J.P., "EMI analysis of full bridge PFC rectifiers," pp. 1-10, in Proc. EPE Conf. 1999.	
A14	Power Electronics Converters, Application and Design, Chp. 8-3 Single Phase Inverters, pp. 211-225, 2nd Ed. New York: Wiley, 1995.	
A15	Acik, A., and Cadirci, I., "Active Clamped ZVS Forward Converter with Soft-Switched Synchronous Rectifier," Turk J Elec Engin, pp. 473-491, Vol. 10, No. 3, 2002, © TÜBİTAK.	
A16	Walters, M., "An Integrated Synchronous-Rectifier Power IC with Complementary-Switching (HIP5010, HIP5011)," Technical Brief, July, 1995, TB332, pp. 4-99-4-102; © Intersil Corporation, 1998	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.